



CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:

Date: May 13, 2004 Name: William F. Prendergast Signature:

2671/4
BRINKS
HOFFER
GILSON
& LIONE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: David J. Collodi

Appln. No.: 10/037,992

Filed: October 18, 2001

For: Programmable Per-Pixel Shader With Light Support

Attorney Docket No: 7871/13

Examiner: P. K. Nguyen

Art Unit: 2671

RECEIVED

MAY 19 2004

Technology Center 2600

TRANSMITTAL

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

Attached is/are:

- First Supplemental Information Disclosure Statement (2); PTO-1449; All Listed References; check for \$180.
 Return Receipt Postcard

Fee calculation:

- No additional fee is required.
 Small Entity.
 An extension fee in an amount of \$_____ for a _____-month extension of time under 37 C.F.R. § 1.136(a).
 A petition or processing fee in an amount of \$180.00 under 37 C.F.R. § 1.17(p).
 An additional filing fee has been calculated as shown below:

	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Small Entity		Not a Small Entity		
					Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus			x \$9=		x \$18=		
Indep.		Minus			x 43=		x \$86=		
First Presentation of Multiple Dep. Claim					+\$145=		+\$290=		
					Total	\$	Total	\$	

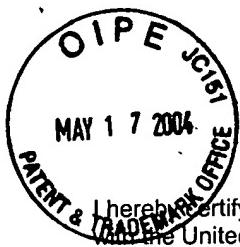
Fee payment:

- A check in the amount of \$180.00 to cover the above-identified fee(s) is enclosed.
 Please charge Deposit Account No. 23-1925 in the amount of \$_____. A copy of this Transmittal is enclosed for this purpose.
 Payment by credit card in the amount of \$_____ (Form PTO-2038 is attached).
 The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

Respectfully submitted,

5/13/04
Date

William F. Prendergast (Reg. No. 34,699)



CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope, with sufficient postage, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

5/13/04

Date of Deposit

William F. Prendergast
Name of Applicant, Assignee or
Registered Representative

Signature

5/13/04

Date of Signature

RECEIVED

MAY 19 2004

Technology Center 2600

Our Case No.: 7871/13

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

DAVID J. COLLODI

Examiner: P. K. Nguyen

Serial No.: 10/037,992

Group Art Unit No.: 2671

Filing Date: October 18, 2001

For: PROGRAMMABLE PER-PIXEL
SHADER WITH LIGHTING
SUPPORT

FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Alexandria, VA 22313-1450

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this First Supplemental Information Disclosure Statement be entered and the documents listed below and on the attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R.

§ 1.98(a)(2) are enclosed for the convenience of the Examiner. The references now cited are the following.

U. S. Patent Documents:

No.	Date	Name
US2003/0034975	02/20/2003	Lindholm et al.
6,417,851	07/09/2002	Lindholm et al.
6,342,885	01/29/2002	Knittel et al.
6,290,604	09/18/2001	Miyamoto et al.
6,251,011	06/26/2001	Yamazaki
6,234,901	05/22/2001	Nagoshi et al.
6,226,006	05/01/2001	Collodi
6,175,367	01/16/2001	Parikh et al.
5,949,424	09/07/1999	Cabral et al.
5,936,613	08/10/1999	Jaeger et al.
5,835,220	11/10/1998	Kazama et al.
5,808,619	09/15/1998	Choi et al.
5,673,374	09/30/1997	Sakaibara et al.
5,659,671	08/19/1997	Tannenbaum et al.
5,638,499	06/10/1997	O'Connor et al.
5,561,746	10/01/1996	Murata et al.
5,253,339	10/12/1993	Wells et al.

RECEIVED

MAY 19 2004

Technology Center 2600

Foreign Patent Documents:

PCT/US99/05346	07/02/1999	Search Report
----------------	------------	---------------

Other Art – Non Patent Literature Documents:

Printout of Evans & Sutherland E&S Harmony Image Generator home page at website http://www.es.com/image-generators/harmony/.html , April 6, 1999, 6 pages
OTMPHONG.DOC, Mortensen, Zach; March 30, 1995, reprinted from Internet
Fast Phong Shading, Bishop and Weimer, 1986, pp. 103-105, reprinted from Internet
Moller et al.; REAL TIME RENDERING, A.K. Peters, Ltd., pp. 65-144, 1999
Foley et al.; COMPUTER GRAPHICS: Principles and Practice, pp. 736-744, 866-869, 1996

In accordance with 37 C.F.R. § 1.97(g),(h), this First Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

A fee as set forth in 37 C.F.R. § 1.17(p) in the amount of \$180.00 is enclosed herewith. Should the enclosed check be insufficient, omitted or should any additional fees be deemed necessary under 37 C.F.R. §§ 1.16 to 1.21 for any reason relating to these materials the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925. A duplicate of this document is enclosed.

Applicant respectfully requests that the listed documents be made of record in the present case.

Respectfully submitted,



William F. Prendergast
Registration No. 34,699
Attorney for Applicant

BRINKS HOFER GILSON & LIONE
P.O. Box 10395
Chicago, IL 60610
(312) 321-4200



FORM 10-1449	SERIAL NO. 10/037,992	CASE NO. 7871/13
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)	FILING DATE October 18, 2001	GROUP ART UNIT 2671
	APPLICANT(S): DAVID J. COLLODI	

REFERENCE DESIGNATION **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	B1 US2003/0034975	02/20/2003	Lindholm et al.		
	B2 6,417,851	07/09/2002	Lindholm et al.		
	B3 6,342,885	01/29/2002	Knittel et al.		
	B4 6,290,604	09/18/2001	Miyamoto et al.		
	B5 6,251,011	06/26/2001	Yamazaki		
	B6 6,234,901	05/22/2001	Nagoshi et al.		
	B7 6,226,006	05/01/2001	Collodi		
	B8 6,175,367	01/16/2001	Parikh et al.		
	B9 5,949,424	09/07/1999	Cabral et al.		
	B10 5,936,613	08/10/1999	Jaeger et al.		
	B11 5,835,220	11/10/1998	Kazama et al.		
	B12 5,808,619	09/15/1998	Choi et al.		
	B13 5,673,374	09/30/1997	Sakaibara et al.		
	B14 5,659,671	08/19/1997	Tannenbaum et al.		
	B15 5,638,499	06/10/1997	O'Connor et al.		
	B16 5,561,746	10/01/1996	Murata et al.		
	B17 5,253,339	10/12/1993	Wells et al.		

RECEIVED

MAY 19 2004

Technology Center 2600

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO
	B18 PCT/US99/05346	07/02/1999			

EXAMINER INITIAL	OTHER ART – NON PATENT LITERATURE DOCUMENTS <small>(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.)</small>
	B19 Printout of Evans & Sutherland E&S Harmony Image Generator home page at website http://www.es.com/image-generators/harmony/.html , April 6, 1999, 6 pages
	B20 OTMPHONG.DOC, Mortensen, Zach; March 30, 1995, reprinted from Internet
	B21 Fast Phong Shading, Bishop and Weimer, 1986, pp. 103-105, reprinted from Internet
	B22 Moller et al.; REAL TIME RENDERING, A.K. Peters, Ltd., pp. 65-144, 1999
	B23 Foley et al.; COMPUTER GRAPHICS: Principles and Practice, pp. 736-744, 866-869, 1996

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609;
 Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.